

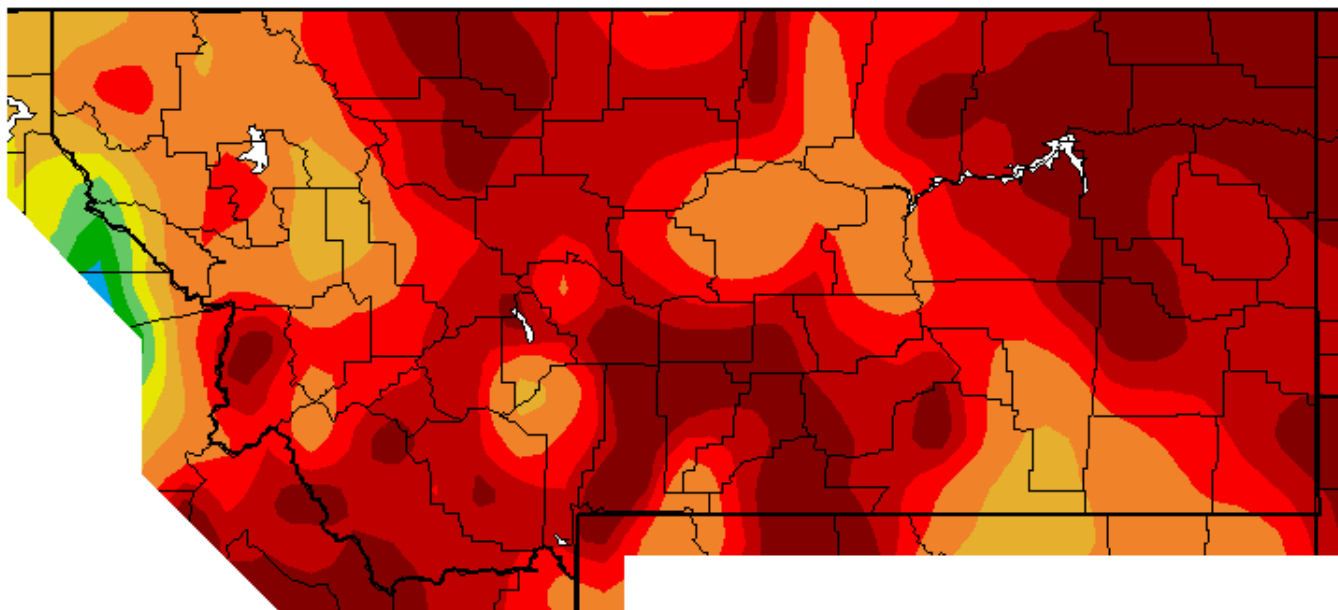
Valley County Flood Task Force Meeting

April 4, 2011



Past 7 Days Precipitation

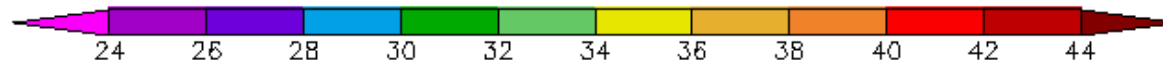
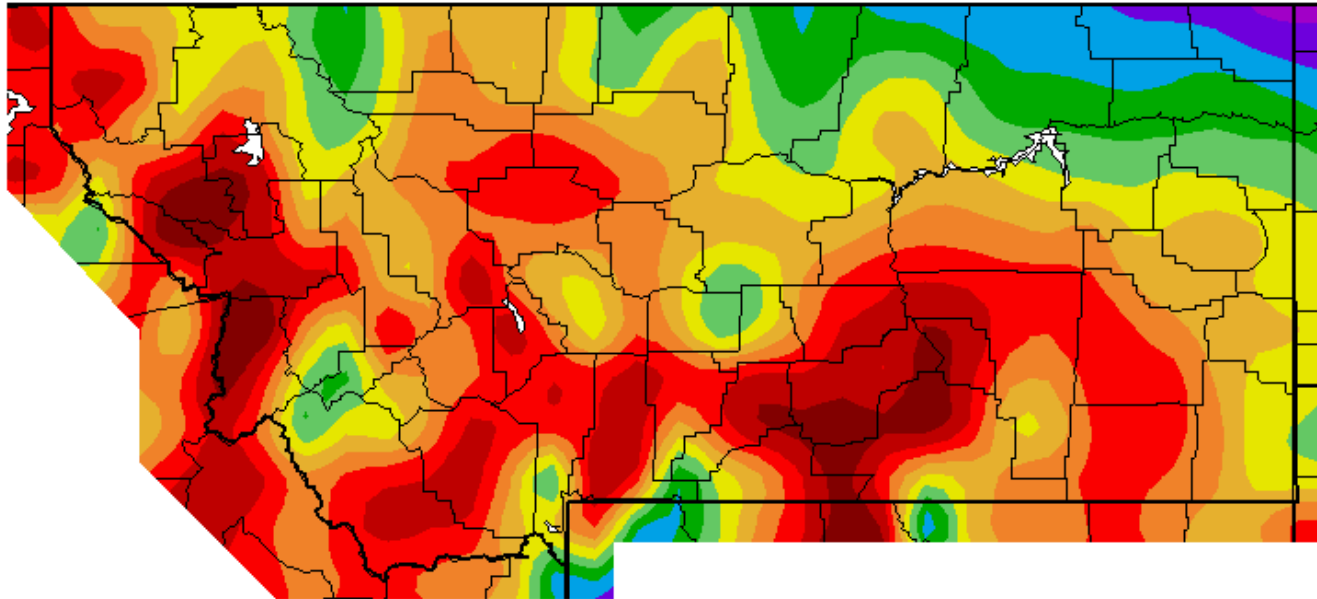
Total Precipitation (in.)
3/27/2011 – 4/2/2011



Generated 4/03/2011 at WRCC using provisional data.
NOAA Regional Climate Centers

Past 7 Days Temperature

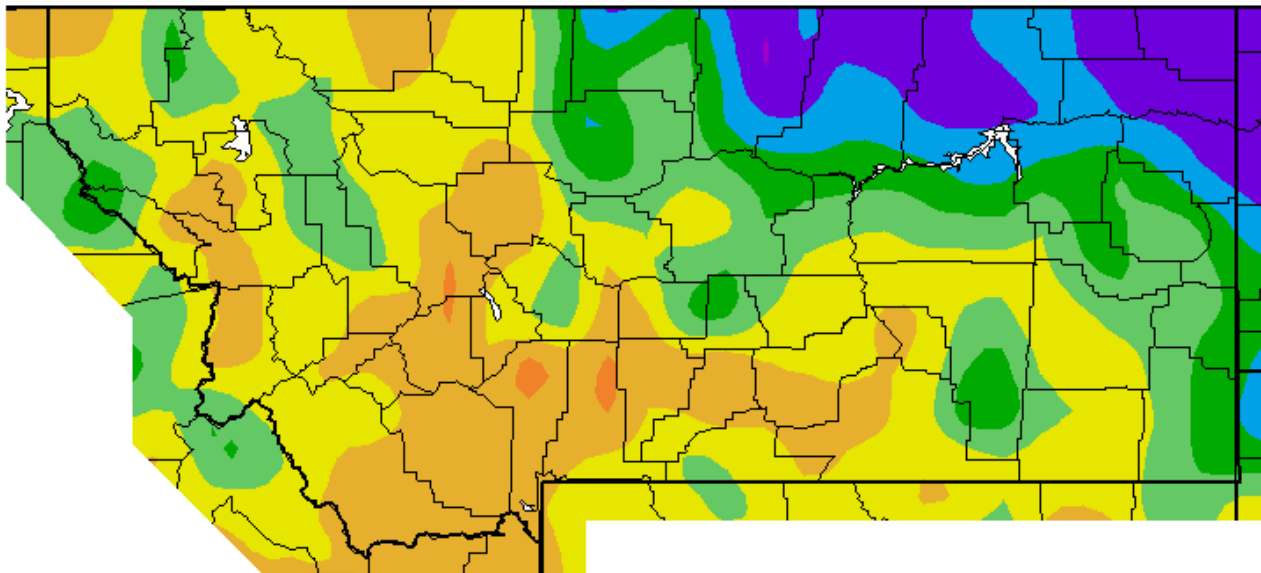
Ave. Temperature (deg. F)
3/27/2011 – 4/2/2011



Generated 4/03/2011 at WRCC using provisional data.
NOAA Regional Climate Centers

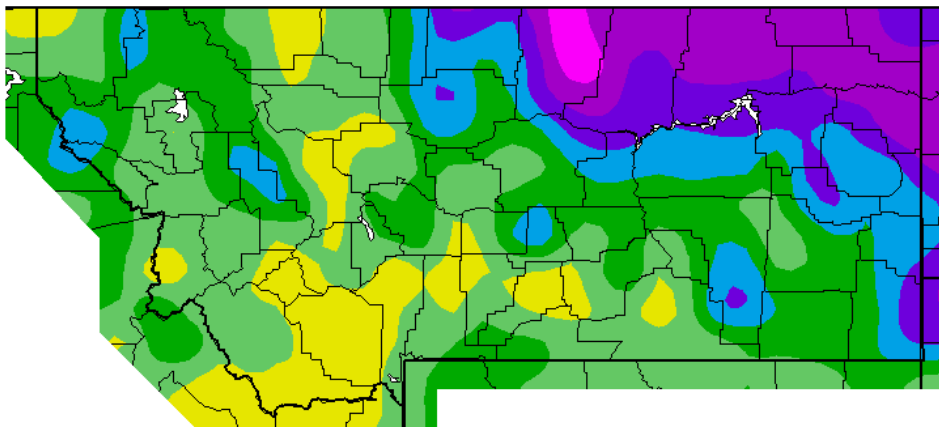
Past Weeks Departure from Normal Temperature

Ave. Temperature dep from Ave (deg F)
3/27/2011 – 4/2/2011



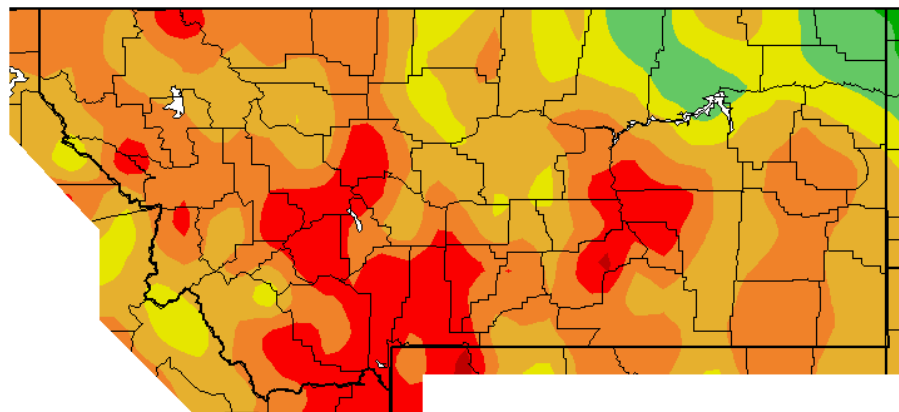
Generated 4/03/2011 at WRCC using provisional data.
NOAA Regional Climate Centers

Av. Max. Temperature dep from Ave (deg F)
3/27/2011 – 4/2/2011



Generated 4/03/2011 at WRCC using provisional data.
NOAA Regional Climate Centers

Av. Min. Temperature dep from Ave (deg. F)
3/27/2011 – 4/2/2011

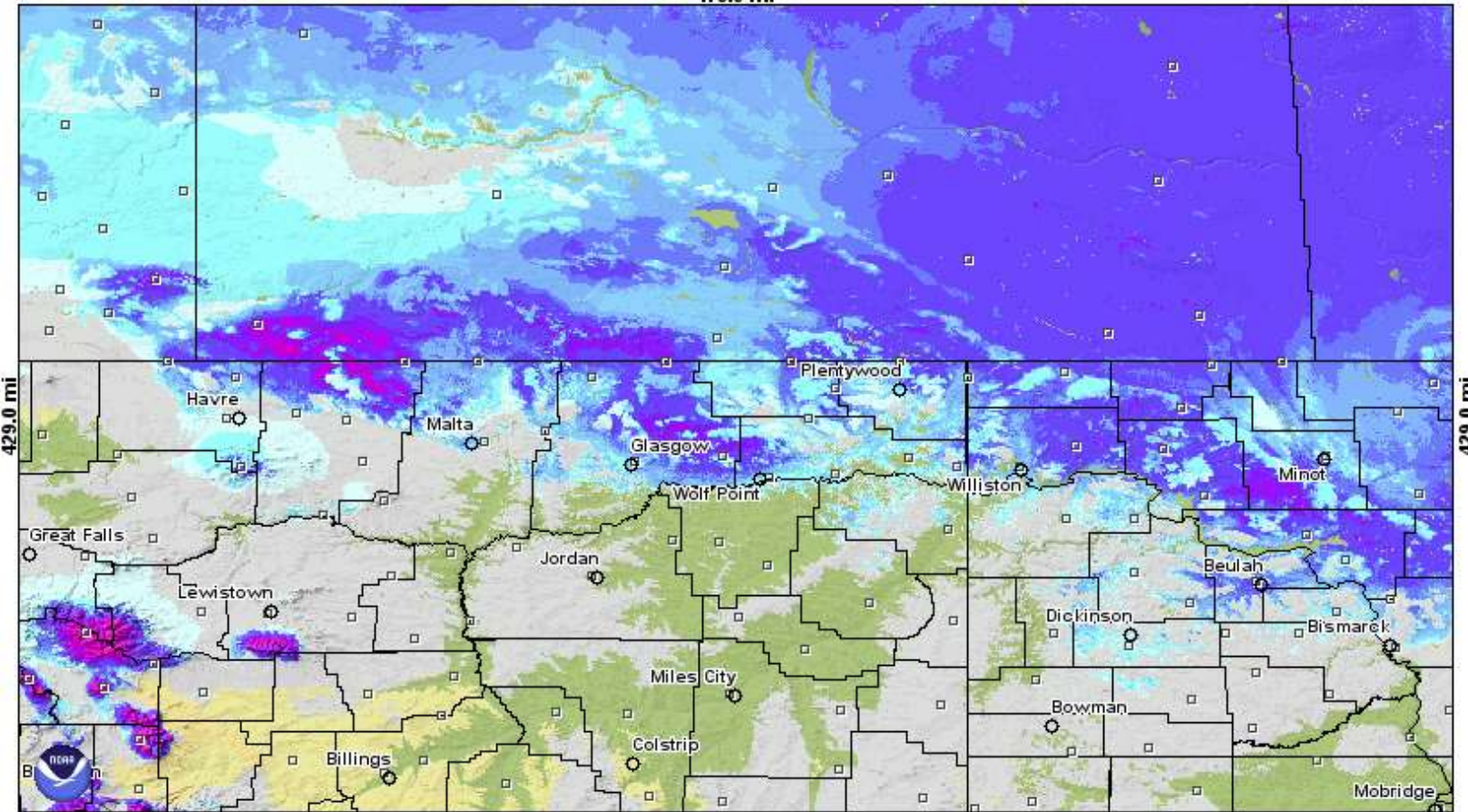
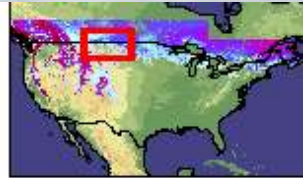


Generated 4/03/2011 at WRCC using provisional data.
NOAA Regional Climate Centers

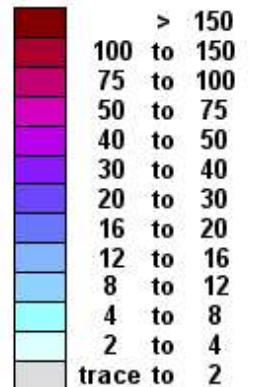
Snow Depth

Modeled Snow Depth forecasted for 2011 April 4, 13:00 Z [Experimental]

473.9 mi

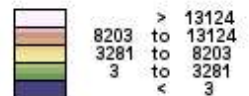


Inches of depth



Not Estimated

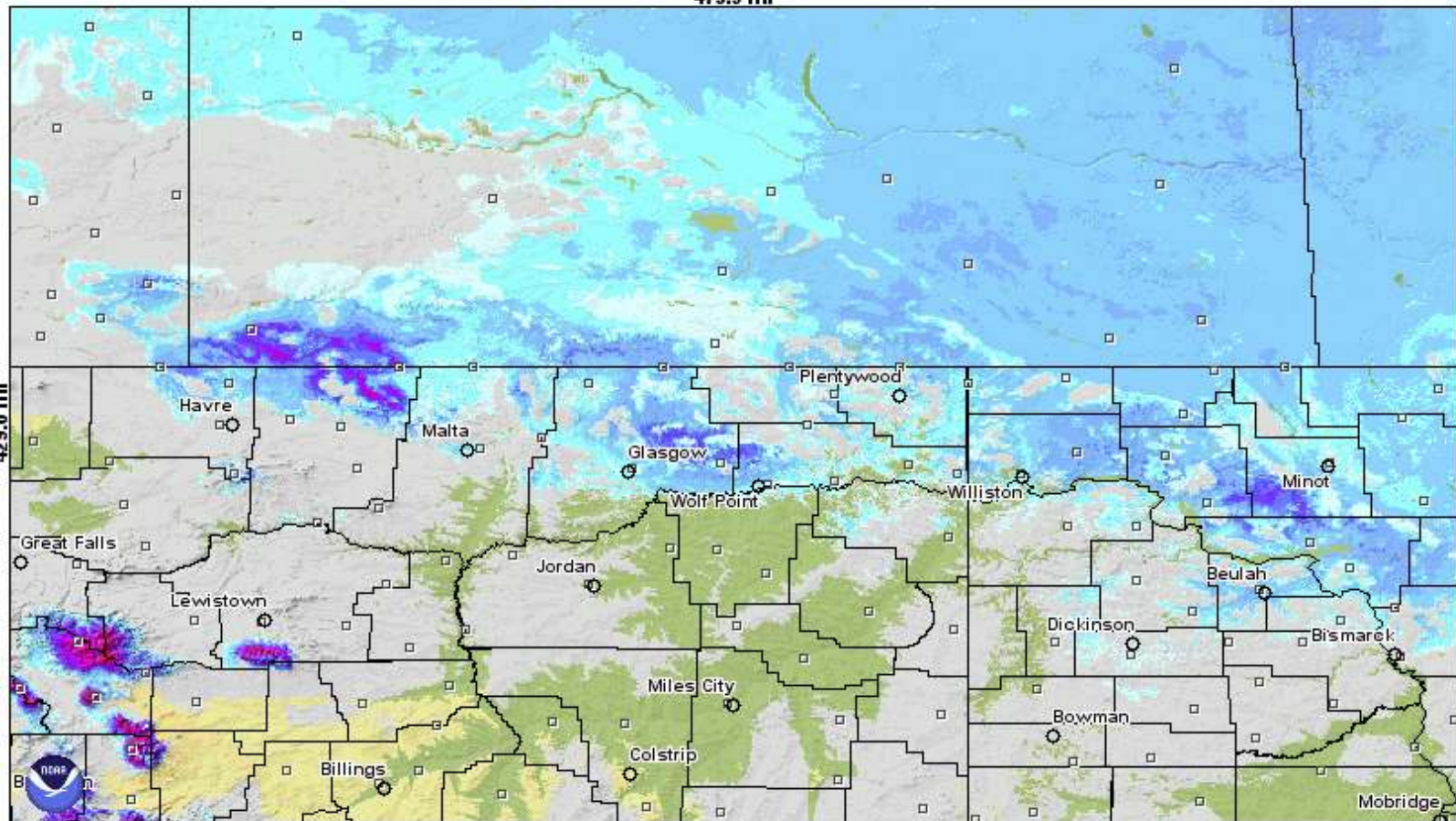
Elevation in feet
(Not estimated)



Snow Water Equivalent

Modeled Snow Water Equivalent forecasted for 2011 April 4, 13:00 Z [Experimental]

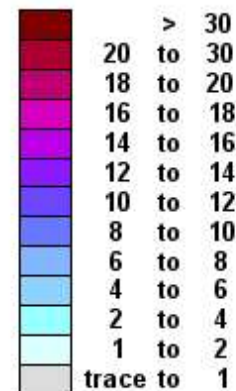
473.9 mi



536.0 mi

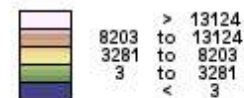


Inches of water equivalent



Not Estimated

Elevation in feet
(Not estimated)



Glasgow Normals

Glasgow Area ([ThreadEx Station](#))
 Daily Climate Normals
 Maximum Temperature (degrees F)
 1971-2000

Day	Jan	Feb	Mar	Apr	May	Jun
1	20	23	34	50	63	
2	20	23	35	50	63	
3	20	24	35	51	64	
4	20	24	35	51	64	
5	20	24	36	52	64	
6	19	25	36	52	65	
7	19	25	37	53	65	
8	19	26	37	53	65	
9	19	26	38	54	66	
10	19	26	38	54	66	
11	19	27	39	55	66	
12	19	27	39	55	67	
13	19	28	40	56	67	
14	19	28	40	56	67	
15	19	28	41	57	68	
16	19	29	41	57	68	
17	19	29	42	58	68	
18	19	30	42	58	69	
19	19	30	43	59	69	
20	20	31	43	59	69	
21	20	31	44	59	70	
22	20	31	44	60	70	
23	20	32	45	60	70	
24	20	32	45	61	70	
25	21	33	46	61	71	
26	21	33	46	61	71	
27	21	33	47	62	71	
28	21	34	47	62	72	
29	22	34	48	62	72	
30	22	-	48	63	72	
31	23	-	49	-	73	

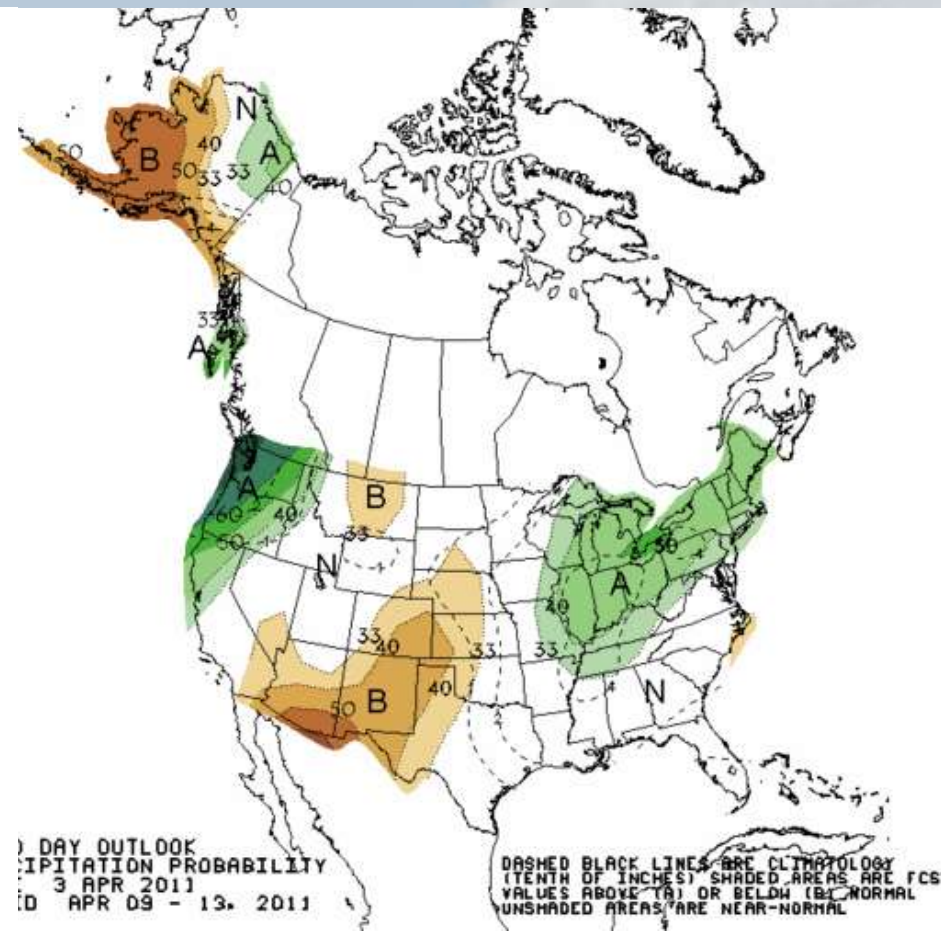
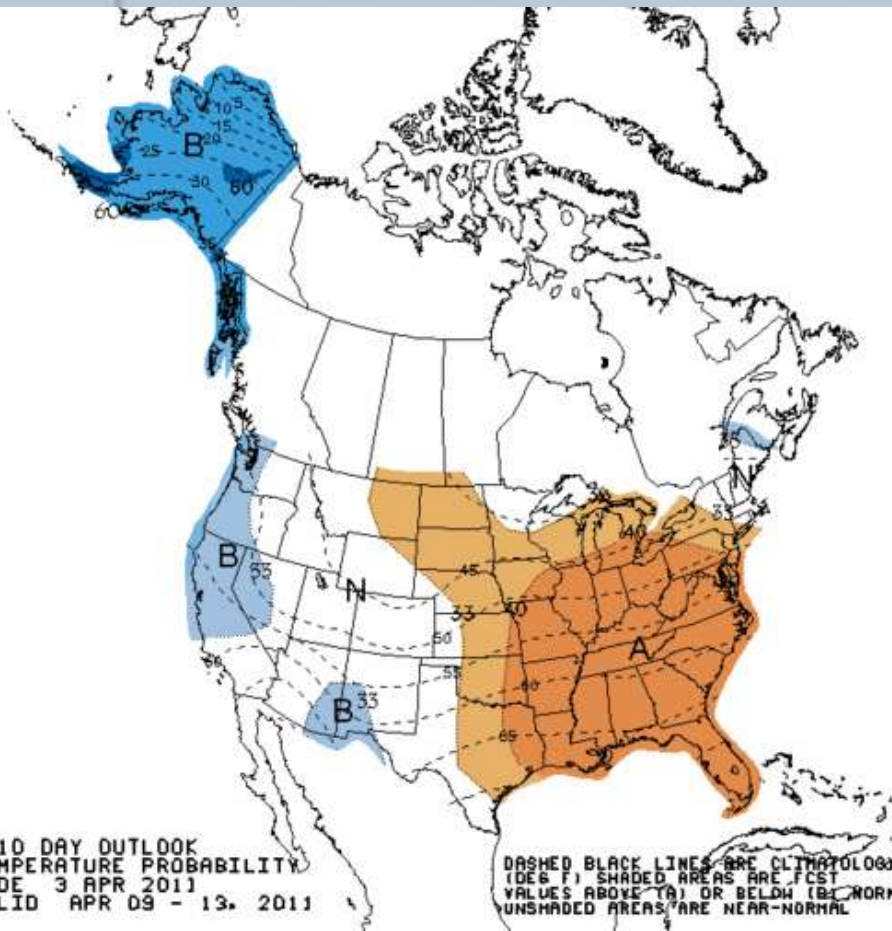
Glasgow Area ([ThreadEx Station](#))
 Daily Climate Normals
 Minimum Temperature (degrees F)
 1971-2000

Day	Jan	Feb	Mar	Apr	May	Jun
1	2	5	15	27	38	
2	2	5	15	27	38	
3	2	6	16	27	39	
4	1	6	16	28	39	
5	1	6	17	28	39	
6	1	7	17	29	40	
7	1	7	17	29	40	
8	1	8	18	29	40	
9	1	8	18	30	41	
10	1	8	18	30	41	
11	1	9	19	31	41	
12	1	9	19	31	42	
13	1	9	19	31	42	
14	1	10	20	32	43	
15	1	10	20	32	43	
16	1	10	21	32	43	
17	1	11	21	33	43	
18	1	11	21	33	44	
19	1	12	22	34	44	
20	1	12	22	34	44	
21	2	12	22	34	45	
22	2	13	23	35	45	
23	2	13	23	35	45	
24	2	13	24	35	46	
25	3	14	24	36	46	
26	3	14	24	36	46	
27	3	14	25	36	47	
28	3	15	25	37	47	
29	4	15	26	37	47	
30	4	-	26	38	47	
31	4	-	26	-	48	

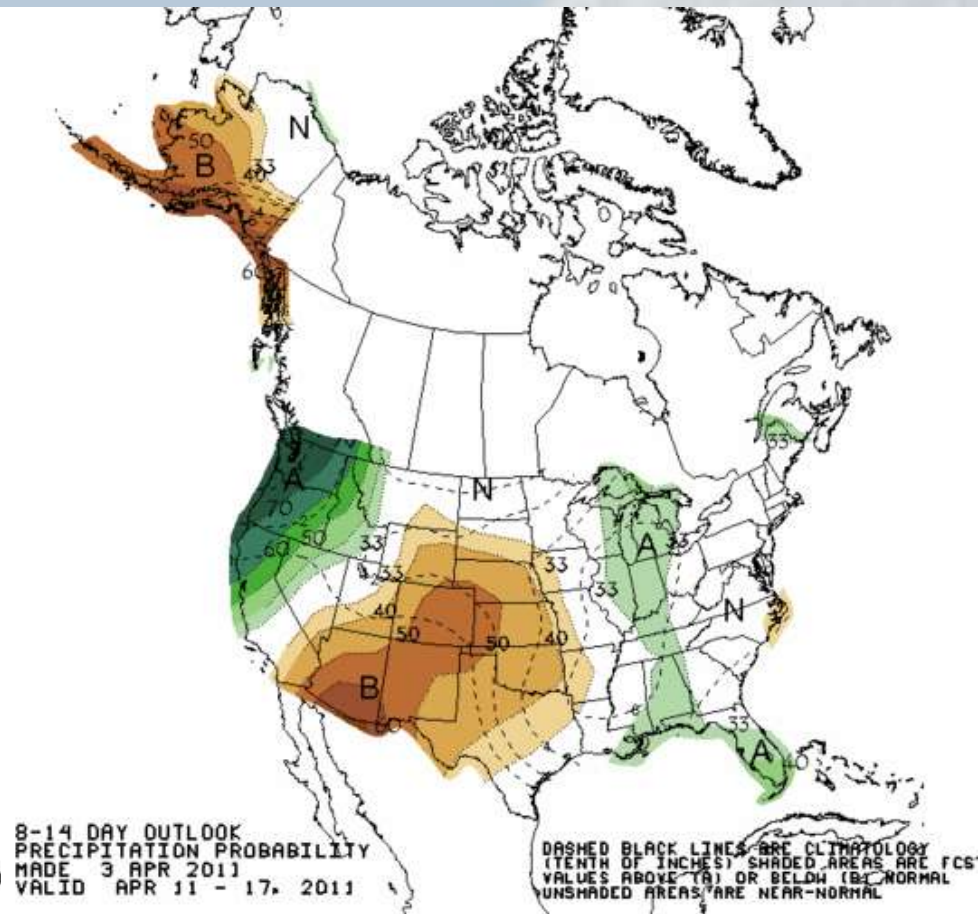
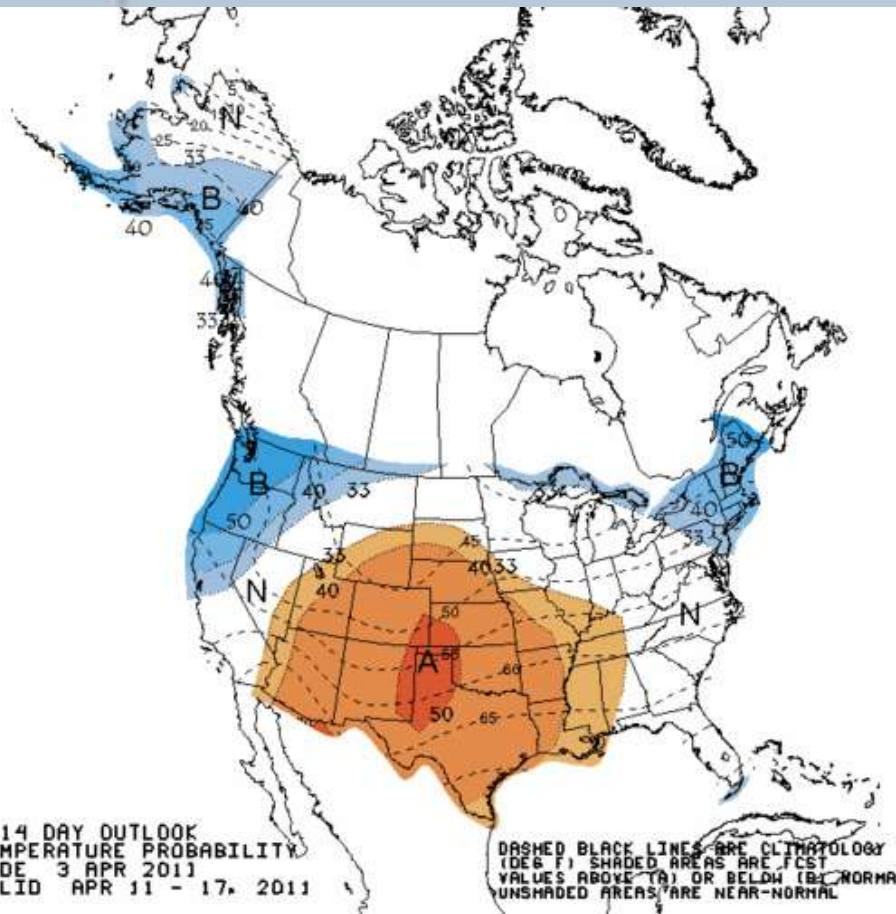
1-7 day forecast

- http://www.hpc.ncep.noaa.gov/basicwx/basicwx_wbg.php
- http://www.hpc.ncep.noaa.gov/medr/nav_conus_pmsl.php?fday=3&fcolor=wbg
- <http://www.weather.gov/forecasts/graphical/sectors/montanaWeek.php#tabs>

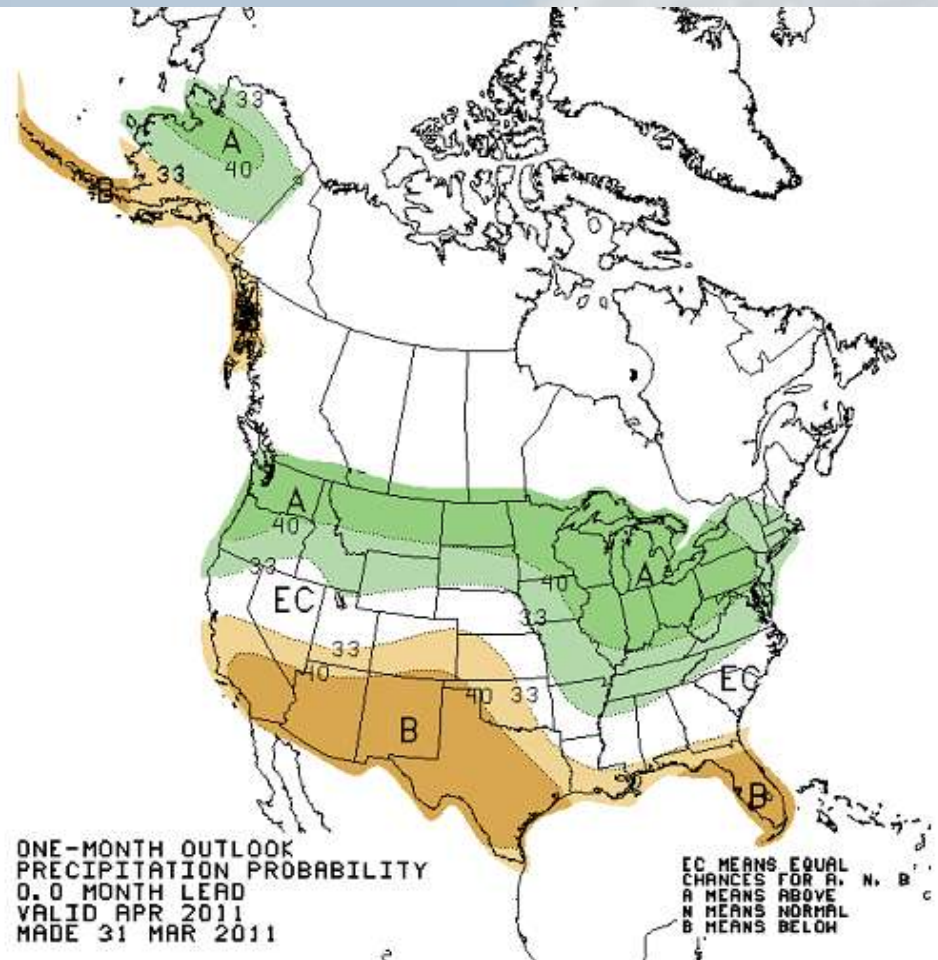
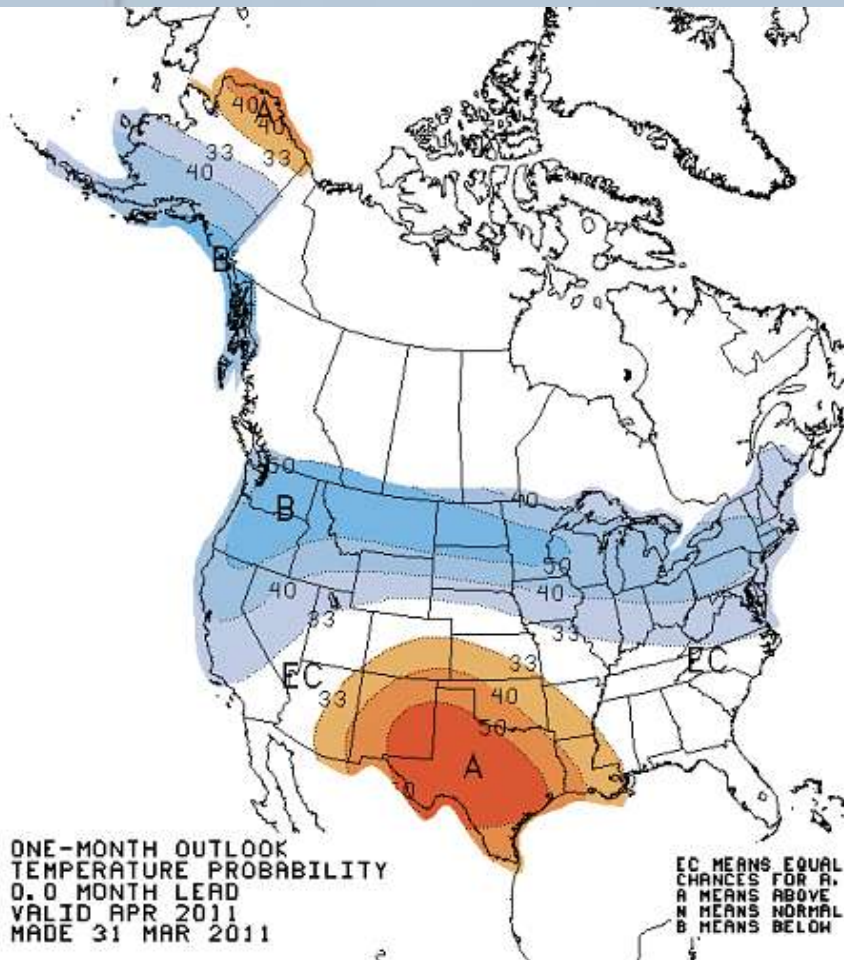
6-10 Day Outlook



8-14 Day Outlook



April Outlook



Current Hydro Situation

- Milk River
- Beaver Creek
- Other tributary streams
 - Rock Creek
 - Frenchman
 - Antelope
 - Brazil
 - Willow
- <http://water.weather.gov/ahps2/hydrograph.php?wfo=ggw>





Saco Area – Beaver Creek

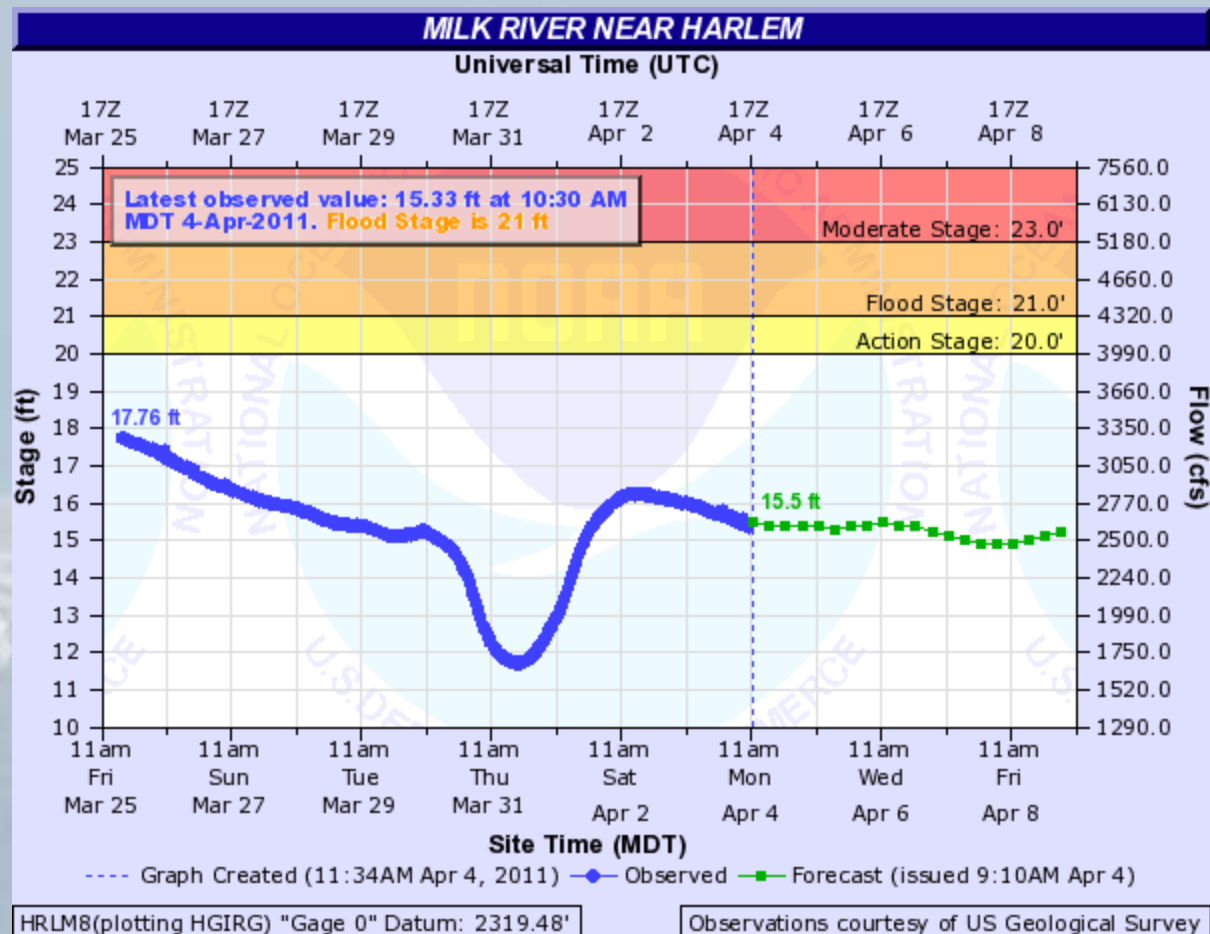




Saco Flats
Saturday April 2, 2011

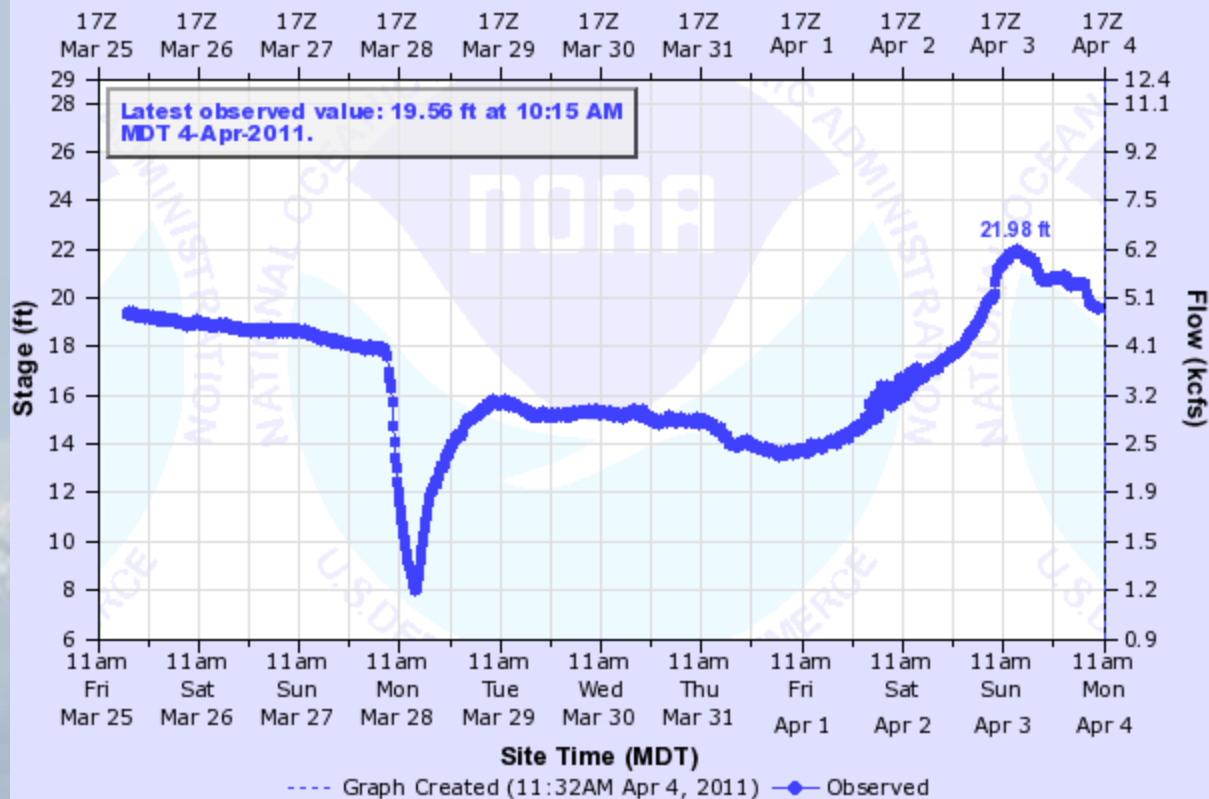






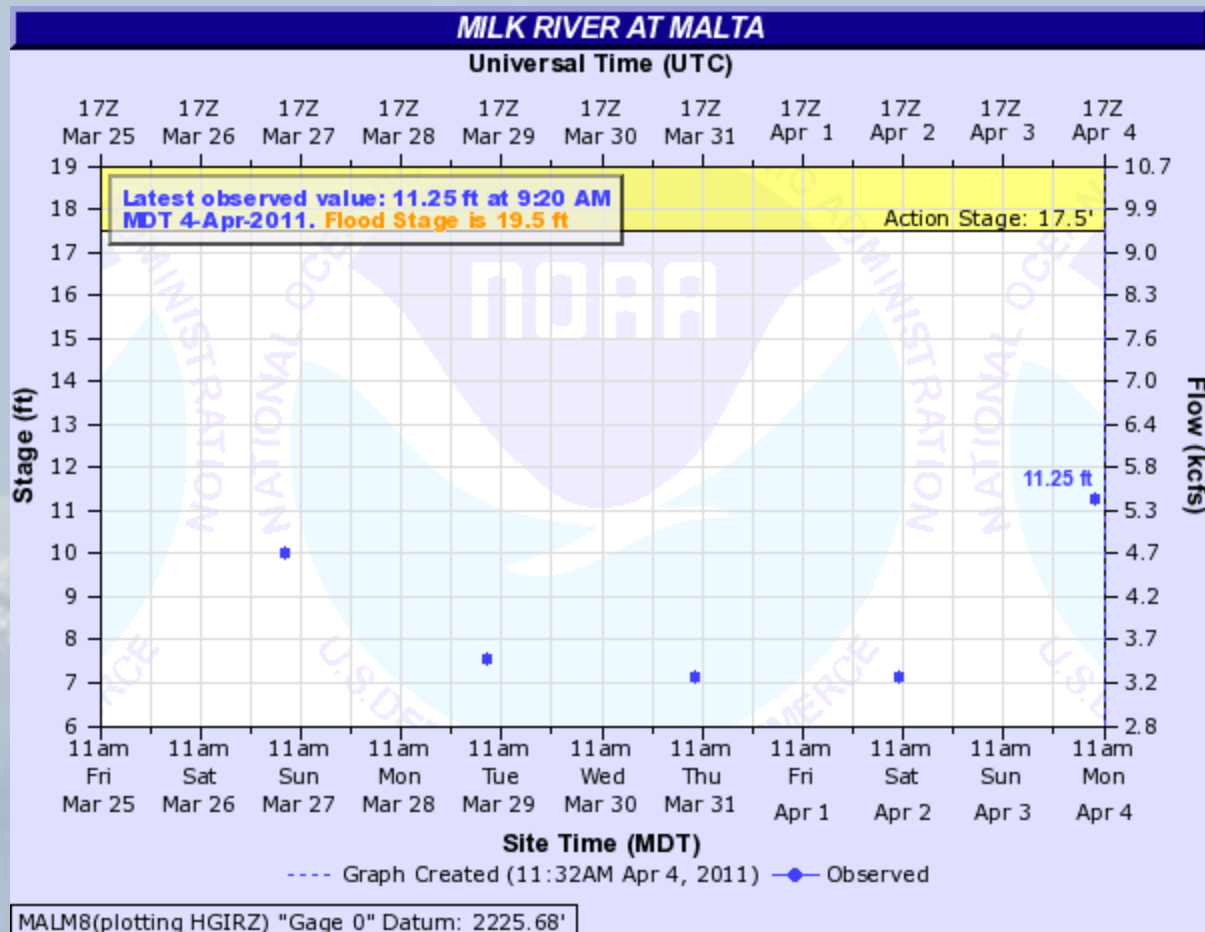
MILK RIVER NEAR DODSON

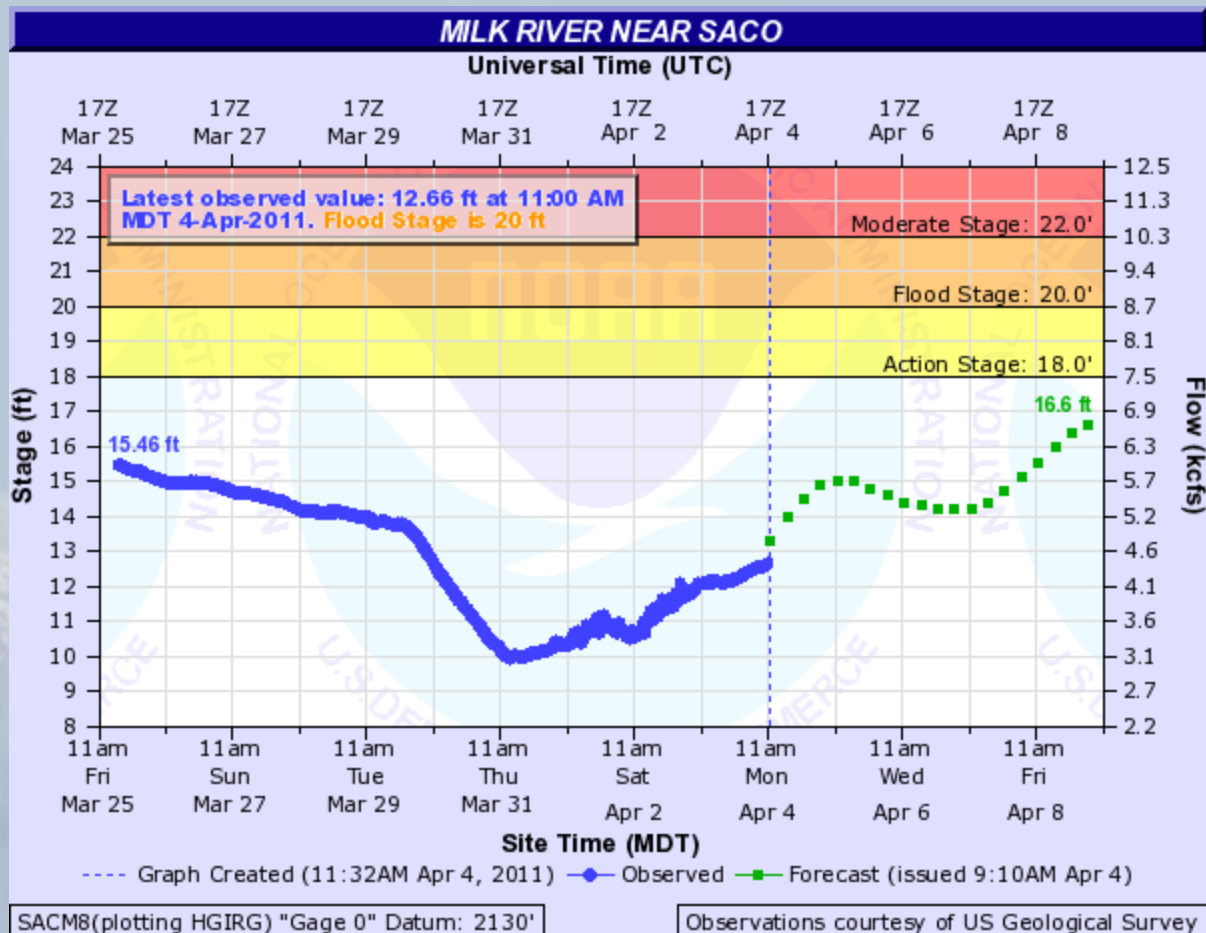
Universal Time (UTC)

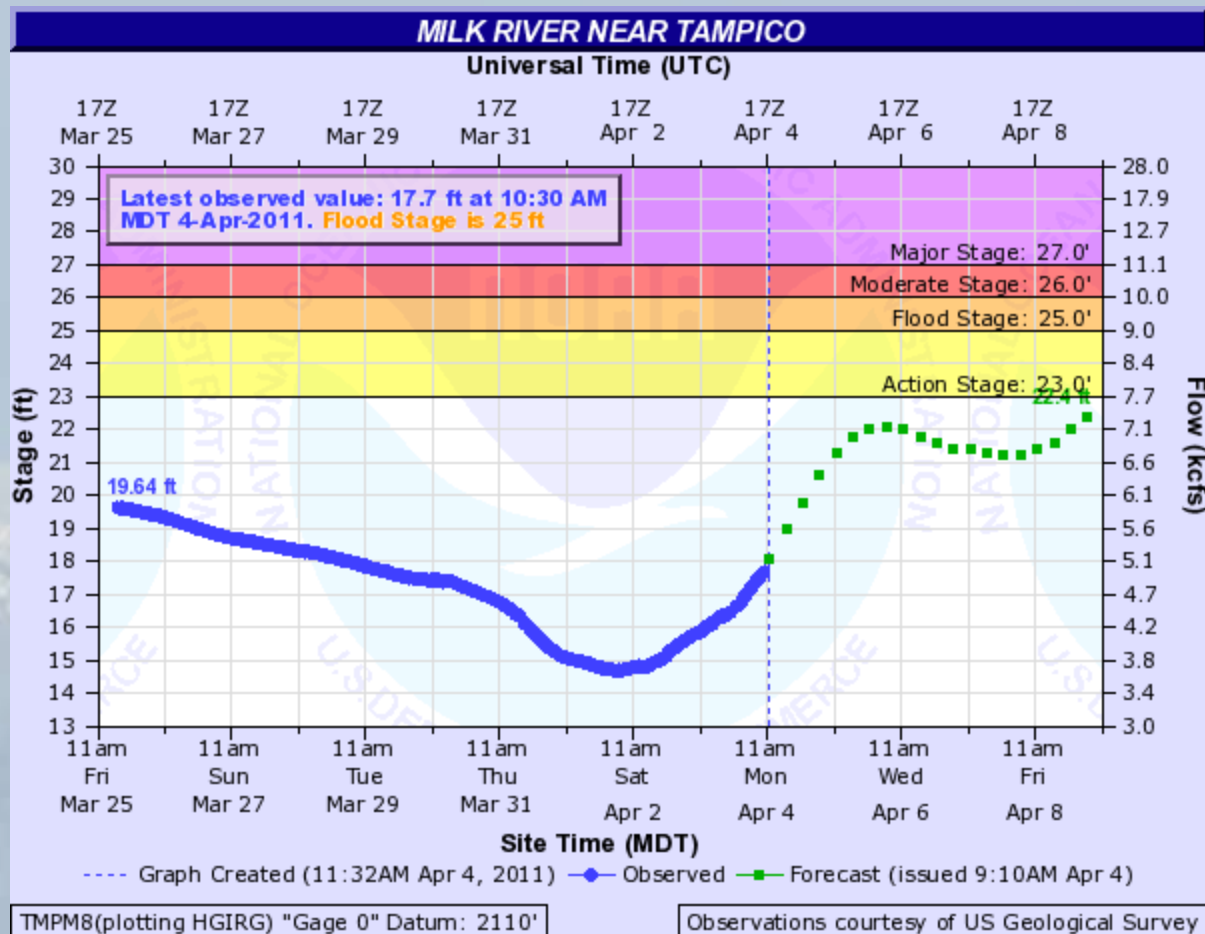


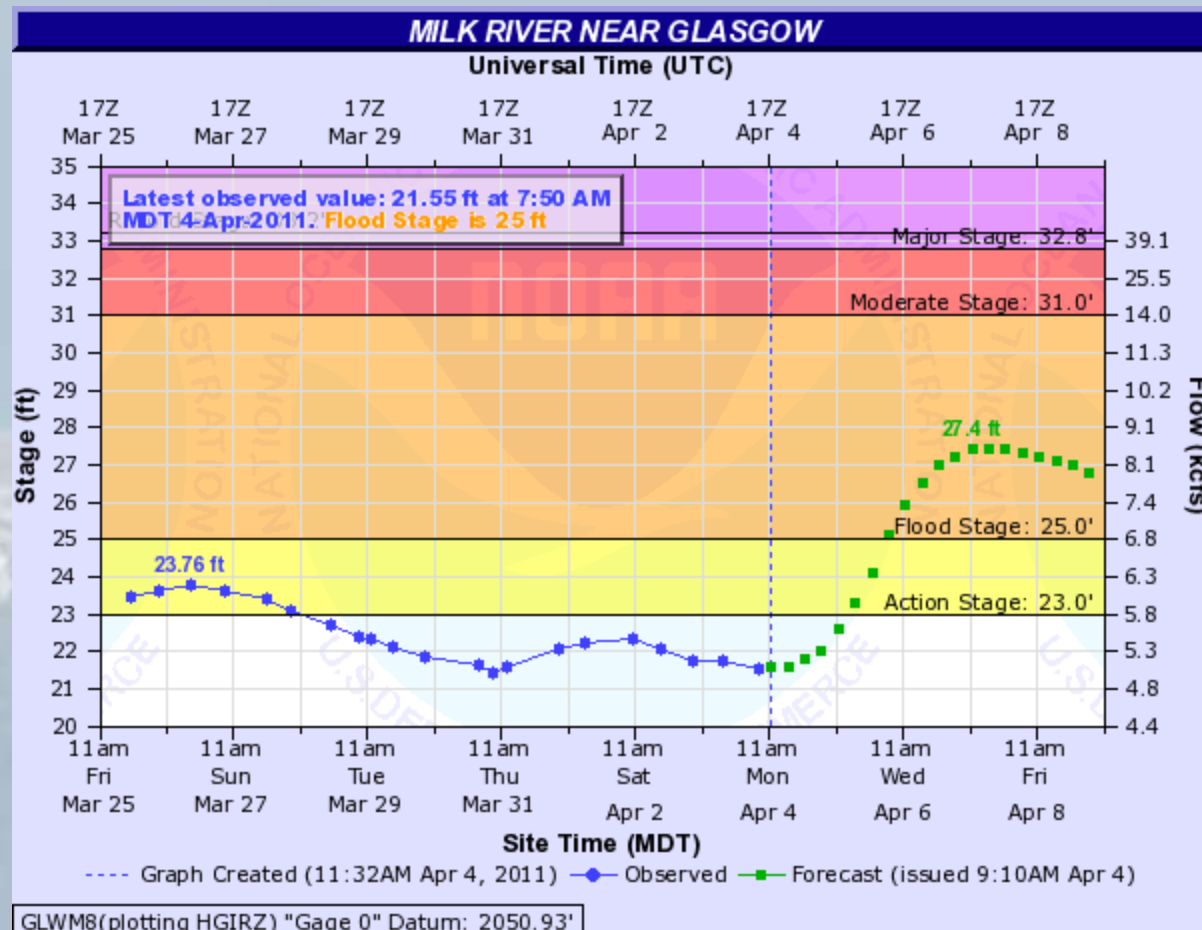
DMRM8(plotting HGIRG) "Gage 0" Datum: 2250'

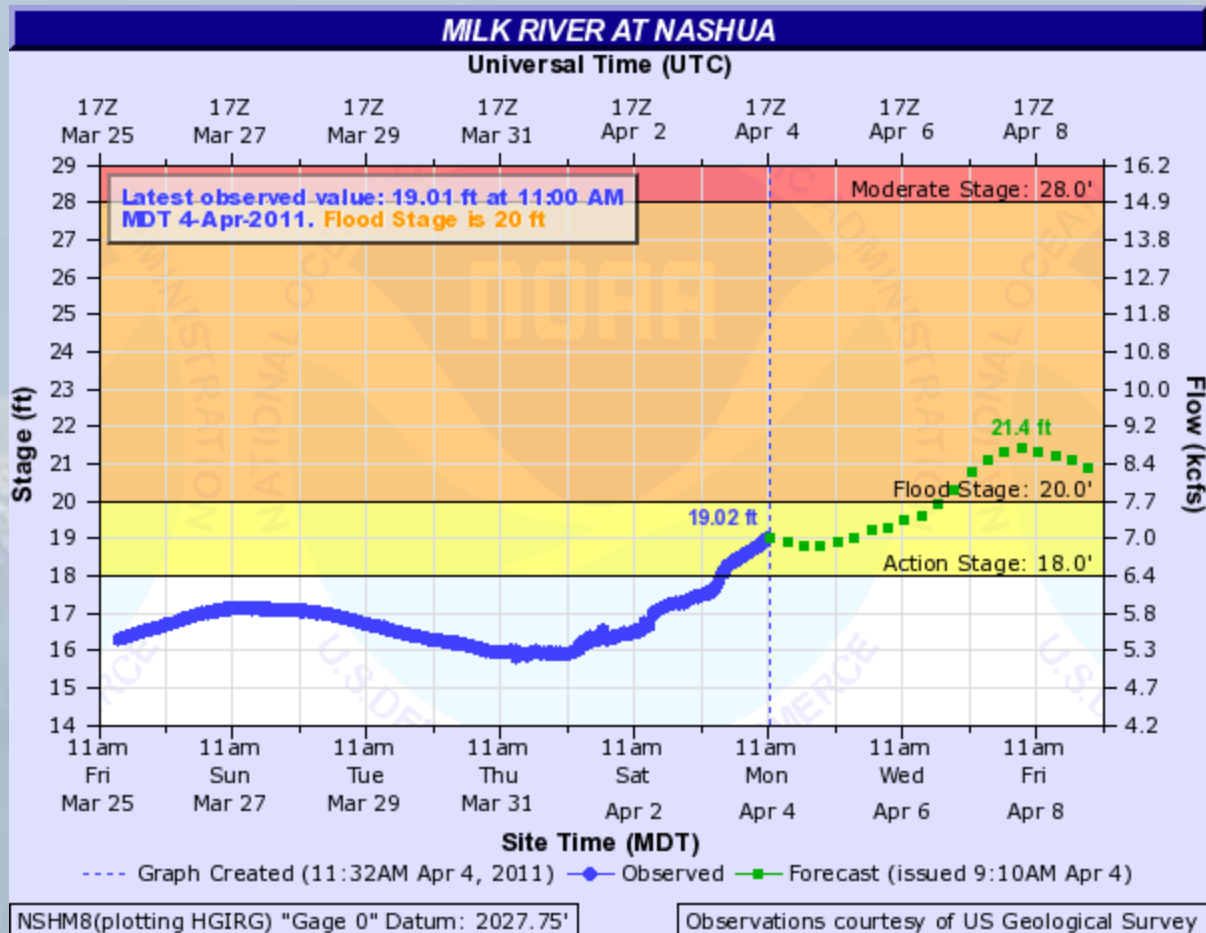
Observations courtesy of US Geological Survey











Agency Reports

- Around the room, and on the phone



Stage Probabilities

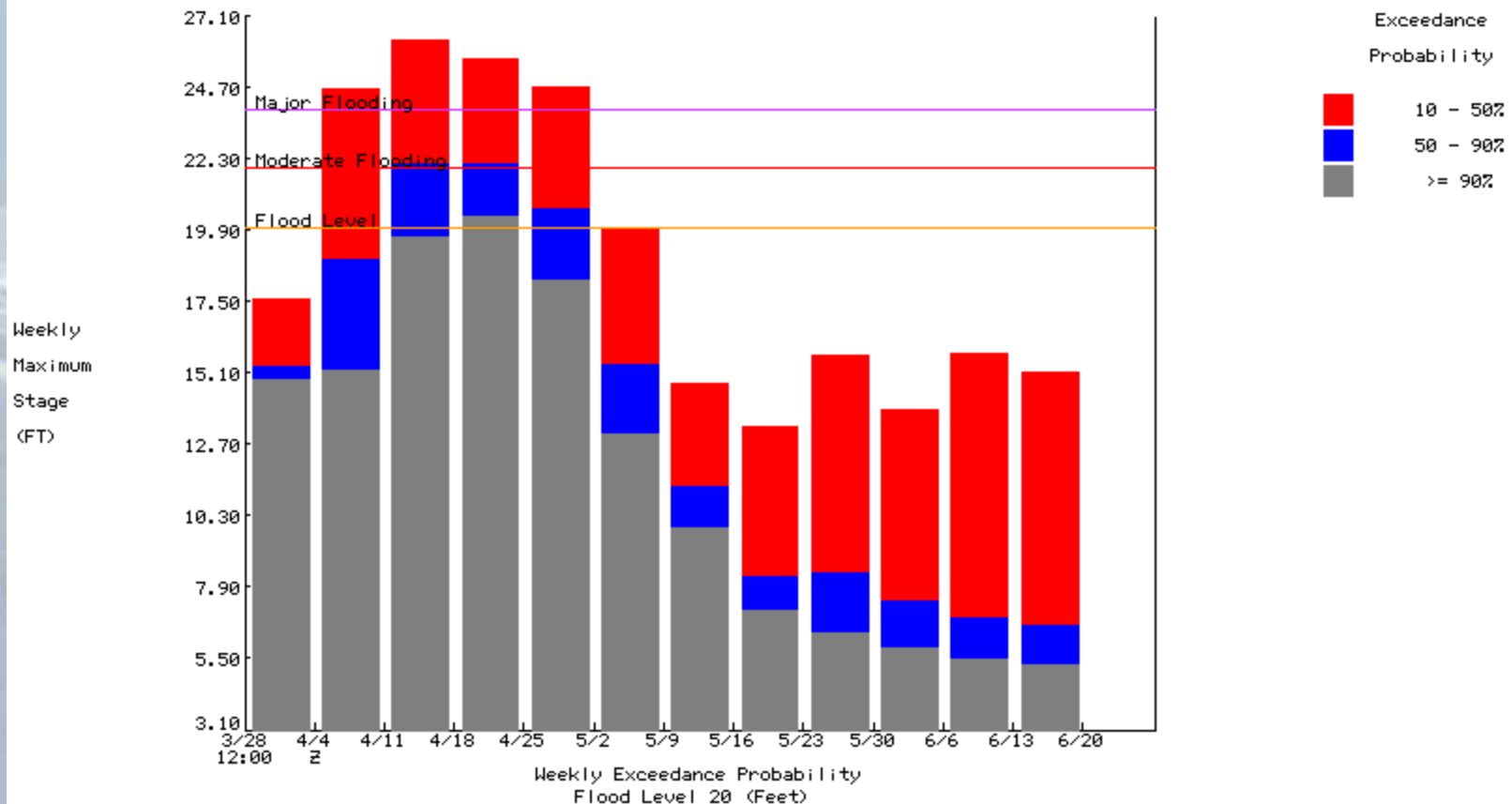
March 28-June 26

	90%	80%	70%	60%	50%	40%	30%	20%	10%
Malta	15.2	15.8	16.7	17.2	17.5	17.9	19.3	20.0	21.7
Saco	21.0	21.7	22.1	22.7	23.6	24.0	24.2	24.9	26.4
Tampico	28.1	28.2	28.3	28.4	28.5	28.7	29.0	29.2	29.6
Glasgow	31.1	31.3	31.3	31.4	31.4	31.4	31.6	31.7	32.0
Nashua	27.2	28.4	28.8	29.3	29.6	29.8	30.6	31.2	31.7

Station	Minor	Moderate	Major
Malta	19.5	22.0	23.7
Saco	20.0	22.0	24.0
Tampico	25.0	26.0	27.0
Glasgow	25.0	31.0	32.8
Nashua	20.0	28.0	30.0

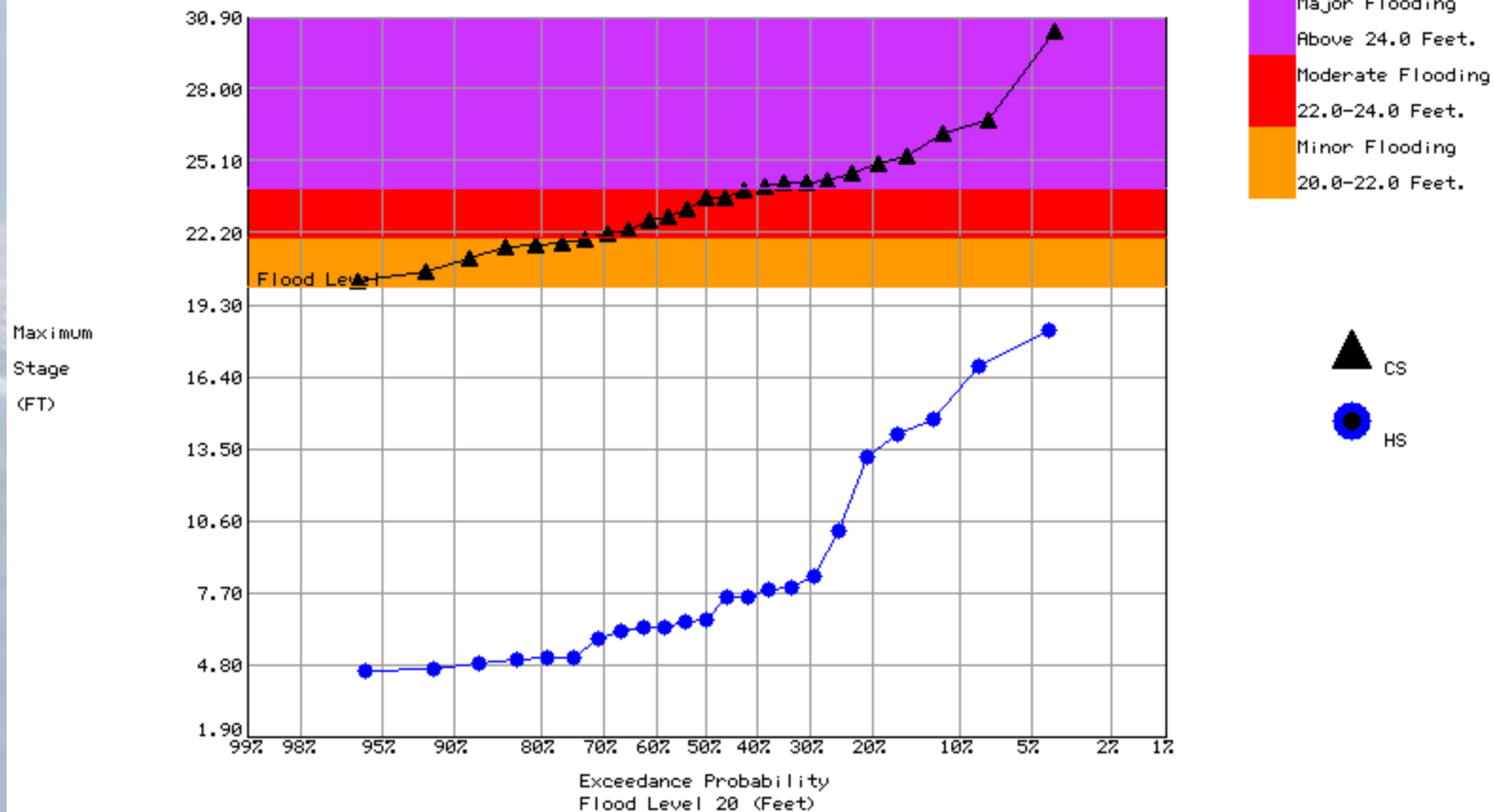
Milk River at Saco

1 Week Chances of Exceeding River Levels on the MILK R -500 at SACO MT \$
 Latitude: 48.5 Longitude: 107.2
 Forecast for the period 3/28/2011 - 6/20/2011
 This is a conditional simulation based on the current conditions as of 3/23/2011

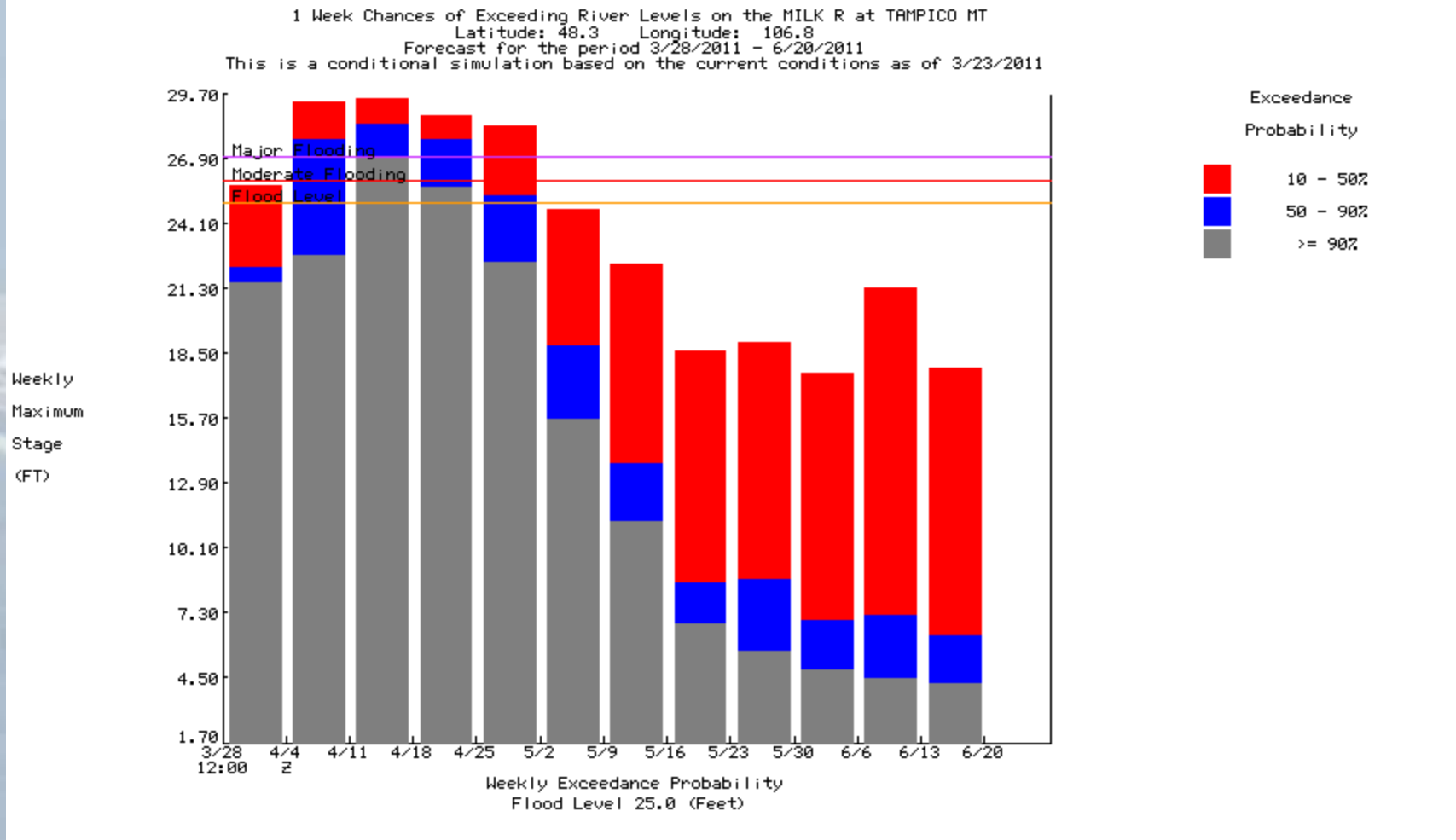


Milk River at Saco

Chances of Exceeding River Levels on the MILK R -500 at SACO MT \$
 Latitude: 48.5 Longitude: 107.2
 Forecast for the period 3/28/2011 - 6/26/2011
 This is a conditional simulation based on the current conditions as of 3/23/2011

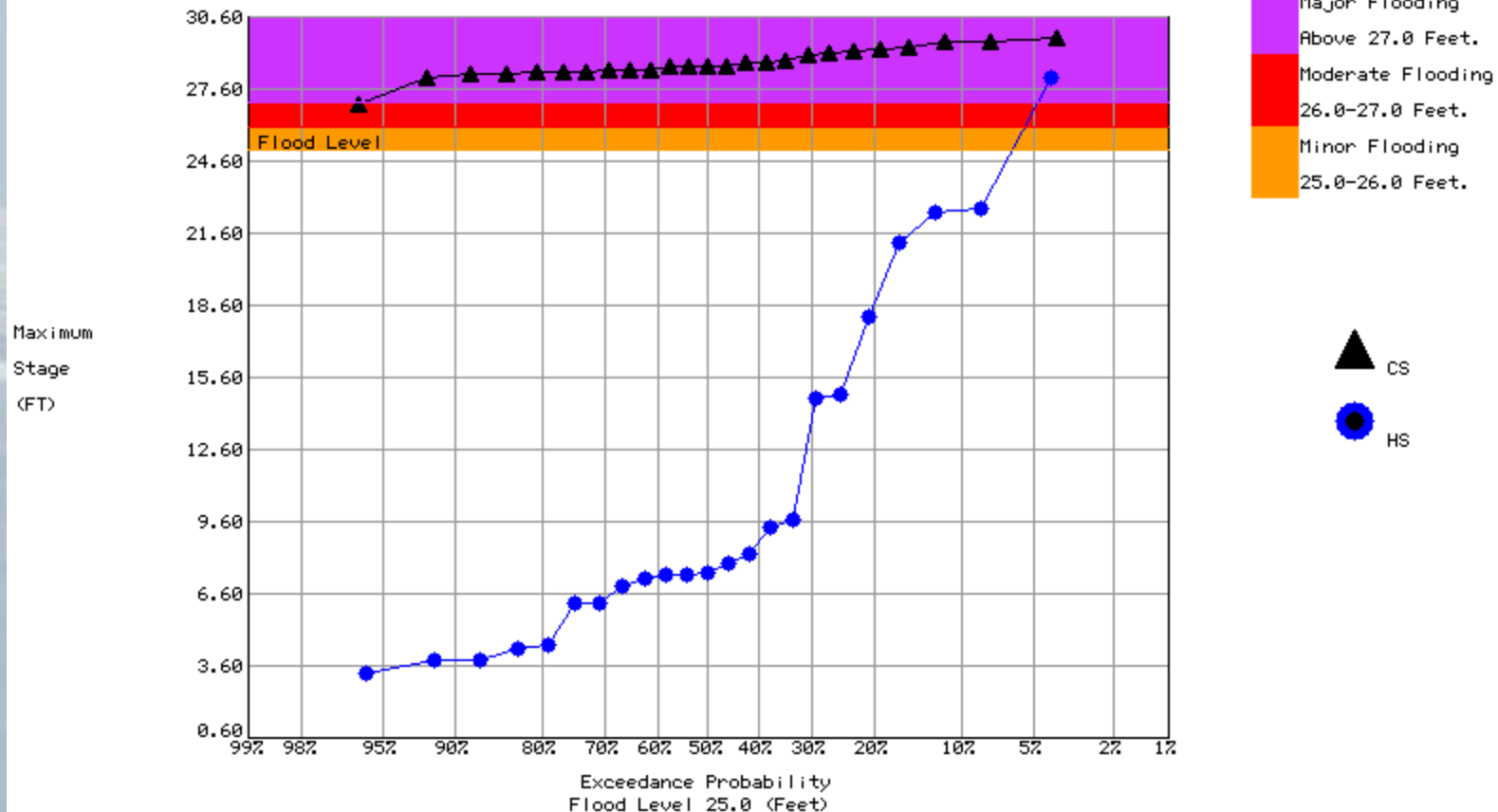


Milk River at Tampico



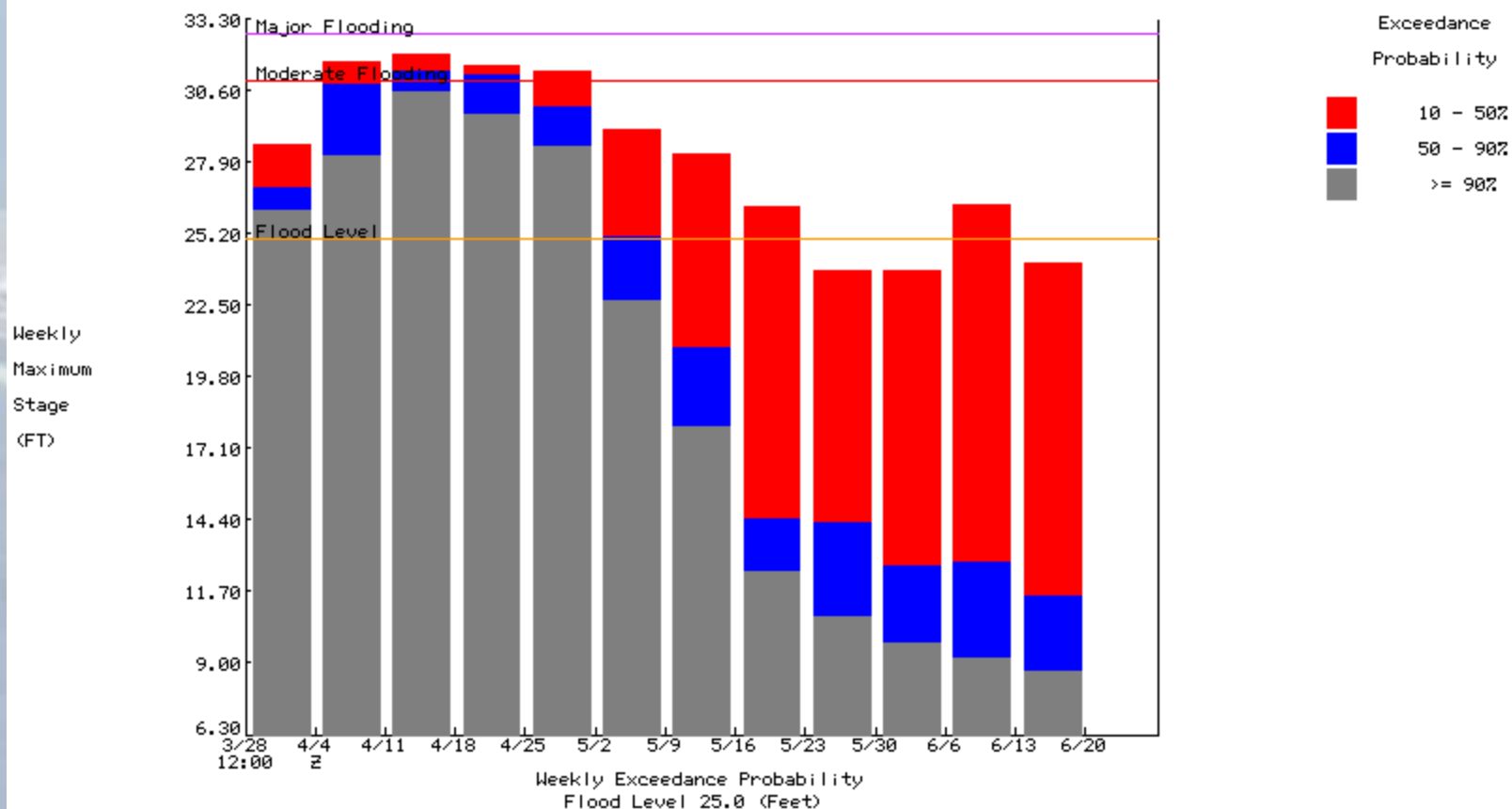
Milk River at Tampico

Chances of Exceeding River Levels on the MILK R at TAMPICO MT
Latitude: 48.3 Longitude: 106.8
Forecast for the period 3/28/2011 - 6/26/2011
This is a conditional simulation based on the current conditions as of 3/23/2011



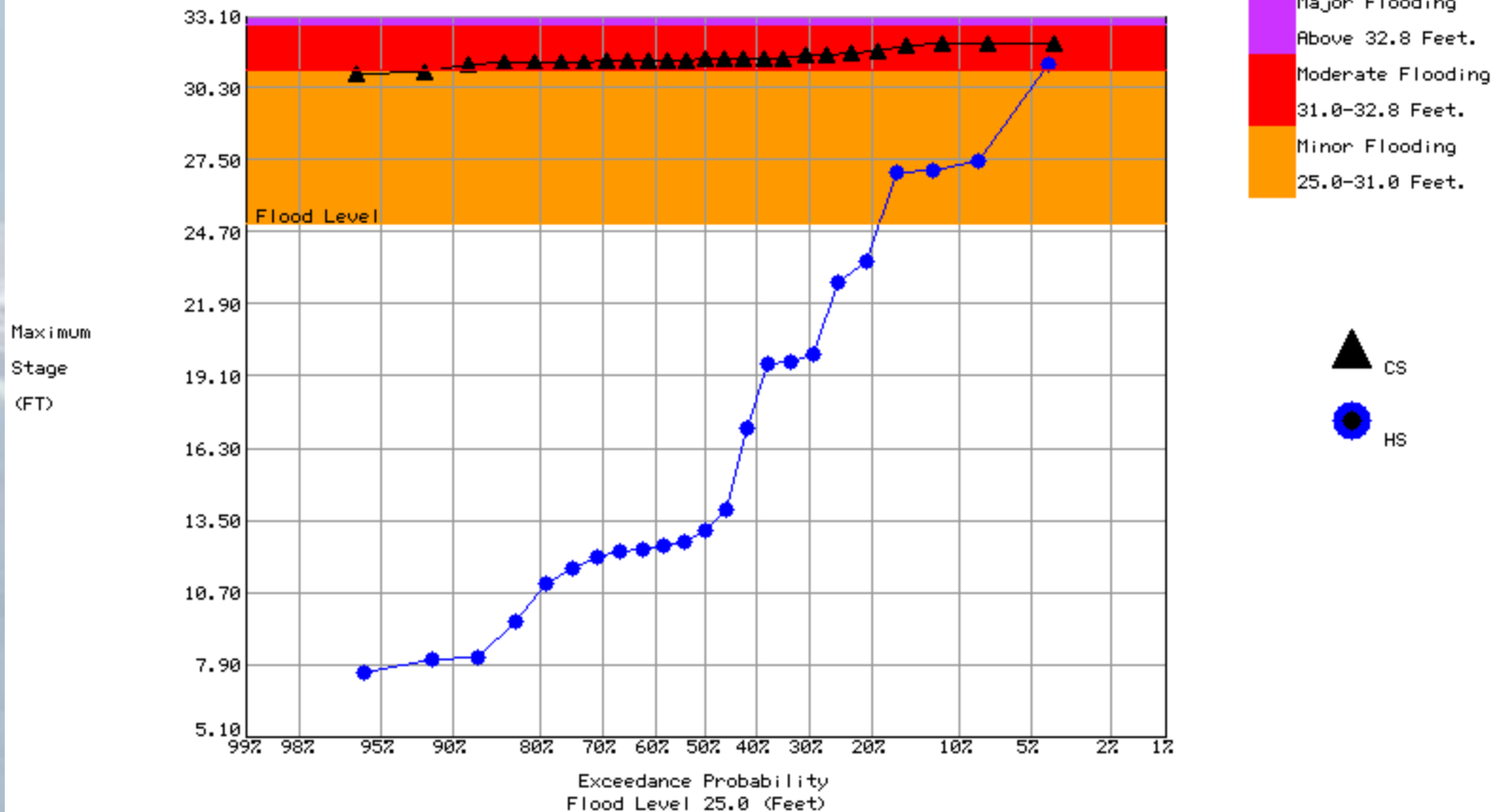
Milk River at Glasgow

1 Week Chances of Exceeding River Levels on the MILK R -388 at GLASGOW MT \$
 Latitude: 48.2 Longitude: 106.6
 Forecast for the period 3/28/2011 - 6/20/2011
 This is a conditional simulation based on the current conditions as of 3/23/2011



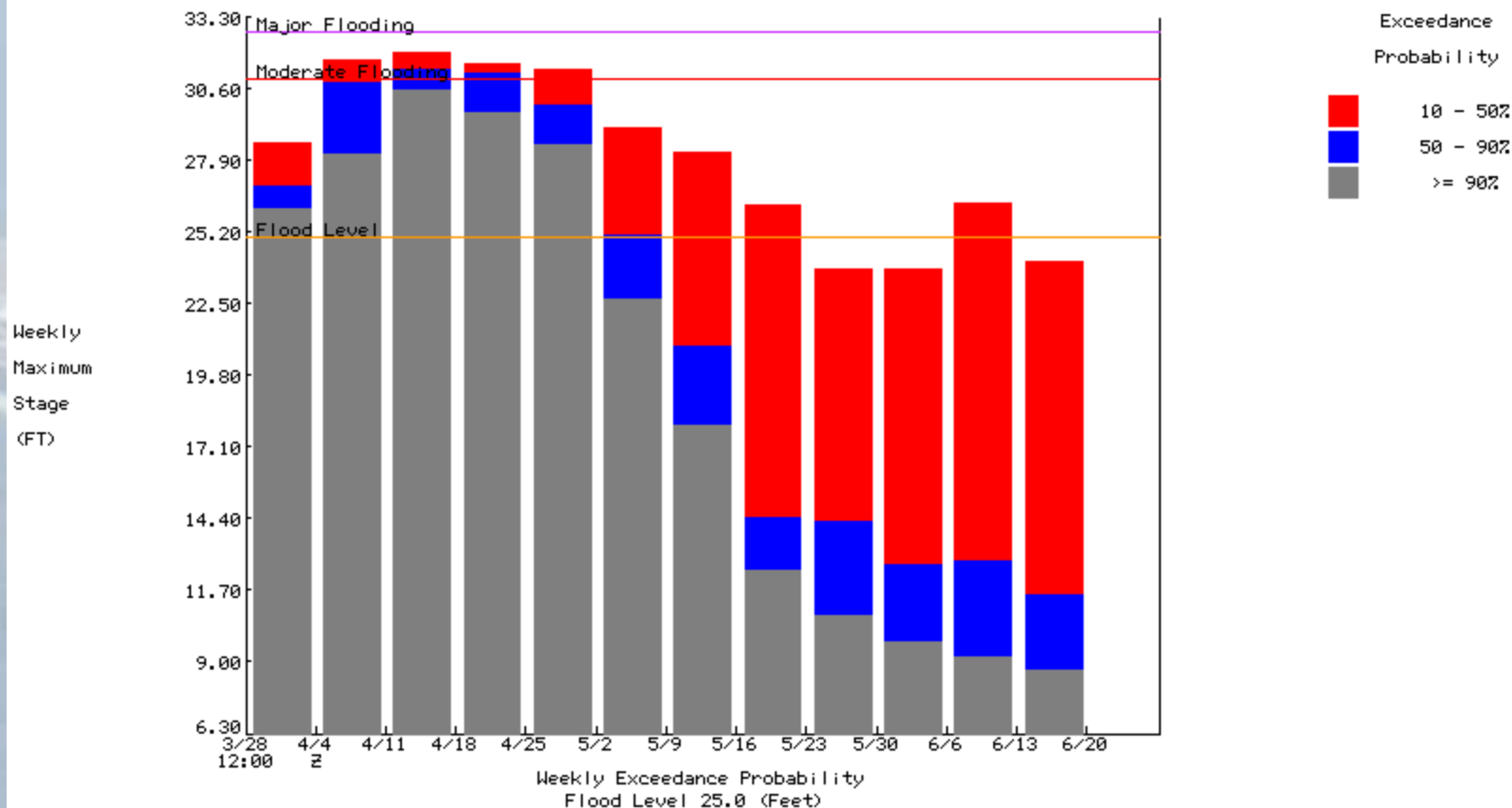
Milk River at Glasgow

Chances of Exceeding River Levels on the MILK R -388 at GLASGOW MT \$
Latitude: 48.2 Longitude: 106.6
Forecast for the period 3/28/2011 - 6/26/2011
This is a conditional simulation based on the current conditions as of 3/23/2011



Milk River at Nashua

1 Week Chances of Exceeding River Levels on the MILK R -388 at GLASGOW MT \$
 Latitude: 48.2 Longitude: 106.6
 Forecast for the period 3/28/2011 - 6/20/2011
 This is a conditional simulation based on the current conditions as of 3/23/2011



Milk River at Nashua

